

Zhmeido, A. T., Grafskaya, Z. S., and Chernikova, N. V.

THE PRODUCTION OF A PURE AVITAMINOSIS-D IN RATS. [1962] [7]p. 2 refs. PASEB manuscript no. S 106-2.

Order from OTS or SLA \$1.10 63-15989

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21, no. 4, p. 71-74.

DESCRIPTORS: *Deficiency diseases, *Vitamin D, *Diet, Phosphatases.

Avitaminosis-D was developed in rats in about one month on a balanced diet lacking only in vitamin D. This deficiency caused growth to be retarded or to cease. Ration Ia consisted of 20g casein heated for 15 to 16 hours at 100°, 60g corn starch, 10g brewers' yeast, 4g Osborne-Mendel salt mixture (*CuSO₄), (Biological Sciences--Pathology, TT, v. 10, no. 6) (over)

63-15989

- I. Zhmeido, A. T.
- II. Grafskaya, Z. S.
- III. Chernikova, N. V.
- IV. PASEB S-106-2
- V. Federation of American Societies for Experimental Biology, Washington, D. C.
- VI. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

Effects of Temperature and Sterilization Time on the
Tryptophan Content in Beef, by A. A. Sokolov.
RUSSIAN, per, Voprosy Pitaniya, Vol 21, No 4, 1962,
pp 82-84.
*NTIS TT 71-51024

Dec 71

Loranskaya, T. I.

THE EFFECT OF DIETS WITH VARYING AMOUNTS OF PROTEIN ON THE COURSE OF CHRONIC HEPATITIS (Vliyaniye Diet s Razlichnym Soderzhanlem Belka na Techenie Khronicheskogo Gepatita). [1963] [18p] 15refs FASEB manuscript no. S 262-3. Order from OTS, SLA, or ETC \$1.60 TT-63-24498

Trans. of *Voprosy Pitaniya* (USSR) 1962, v. 21, no. 5, p. 13-20. (Abstract available)

DESCRIPTORS: *Diet, Nutrition, Proteins, *Hepatitis, *Liver cirrhosis,

Keeping chronic hepatitis patients for two weeks on diets containing 100 and 180 g of protein results in improved condition and shifts towards normalization of the protein formula and the lipidogram. Transaminase activity in some patients with active hepatitis falls to (Biological Sciences--Pathology, TT, v. 11, no. 5)(over)

TT-63-24498

- I. Loranskaya, T. I.
- II. FASEB-S-262-3
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

Berezovskaya, N. N., Tseltina, A. Ya., and
Lapina, S. A.
THE INTERRELATIONSHIP OF VITAMINS C AND P
(K Voprosu o Vaimosvyazi Vitaminov C and P). [1963]
[12p] 11refs FASEB Manuscript no. S 104-3.
Order from OTS, SLA, or ETC \$1.60 TT-63-24453

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21, no. 5,
p. 26-31. (Abstract available)

DESCRIPTORS: Nutrition, Vitamins, Diet, Synergism,
*Ascorbic acid, Vitamins, *Vitamin P, *Cholesterol,
*Epinephrine, *Catechic acids, Food,

Experimental animals (guinea pigs) grew satisfactorily
on our modifications of Lecocq's diet. Administering
catechins to the guinea pigs against a background of
Lecocq's diet with 1 and 25 mg of ascorbic acid had no
influence on the ascorbic acid level in the adrenals,
(Biological Sciences--Physiology, TT, v. 11, no. 4)
(over)

TT-63-24453

- I. Berezovskaya, N. N.
- II. Tseltina, A. Ya.
- III. Lapina, S. A.
- IV. FASEB-S-104-3
- V. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Kulkova, L. I.
EFFECT OF DIFFERENT AMOUNTS OF DIETARY
MANGANESE ON BONE GROWTH AND DEVELOP-
MENT IN ALBINO RATS (Vliyaniye Razlichnykh
Kolichestv Margantsa v Pishche Belykh Krys na Rost
i Razvitiye Kostei). [1963] [15p] 6refs FASEB
manuscript no. S 105-3.
Order from OTS, SLA, or ETC \$1.60 TT-64-13501

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21,
no. 5, p. 47-52.

DESCRIPTORS: *Diet, *Nutrition, *Manganese,
Bone, Rats, Growth (Physiology).

(Biological Sciences--Physiology. TT, v. 11, no. 9)

TT-64-13501

- I. Kulkova, L. I.
- II. FASEB-S-105-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Zakrividoroga, S. P., Zakrividoroga, Z. S., Lipsits, D. V., Lyubovskaya, N. I., and Polozai, V. A.
THE TOXICITY OF CANCEROUS POTATO TO ANIMALS (O Toksichnosti dlya Zhivotnykh Porazhennogo Rakom Kartofelya). [1963] [20p] 6refs
 FASEB Manuscript no.: S 106-3
 Order from OTS, SLA, or ETC \$1.60 TT-63-24454

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21, no. 5, p. 58-66. (Abstract available)

DESCRIPTORS: *Potatoes, *Toxicity, *Cancer, Animals, Feeding.

Feeding the animals for a month with cancerous tubers and, in particular, cancerous growths exerted an indubitable toxic effect on the organism. This was indicated above all by the emaciation, weakness, and deterioration of the outward appearance of the animals, especially noticeable in the cancerous growth-fed (Biological Sciences--Toxicology, TT, v. 11, no. 5)
 (over)

TT-63-24454

- I. Zakrividoroga, S. P.
- II. Zakrividoroga, Z. S.
- III. Lipsits, D. V.
- IV. Lyubovskaya, N. I.
- V. FASEB-S-106-3
- VI. Federation of American Societies for Experimental Biology, Washington, D. C.
- VII. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

PHYSIOLOGICAL AND HYGIENIC EVALUATION OF RATION
DEVELOPED BY TSNIIKOP FOR INDIVIDUAL USE, BY
I. D. YERTANOV, 6 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXI, NO 5,
1962, PP 71-75.

JPRS 16531

SCI - MED

DEC 62

215,009

THE PROBLEM OF THE FOOD VALUE OF UNICELLULAR
ALGAE, BY N. N. BOYKO, V. P. BYCHKOV, 9 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXI, NO 5,
1962, PP 76-81.

JPRS 16531

SCI - ~~MB~~

DEC 62

218,010

Ripak, E. N.
COBALT CONTENT OF THE MOST WIDELY
DISTRIBUTED FOOD PRODUCTS IN THE DNEPRO-
PETROVSK OBLAST (Soderzhanie Kobal'ta v Naibolee
Rasprostranennykh Pishchevykh Produktakh
Dnepropetrovskoi Oblasti). [1963] [3p] Iref FASEB
Manuscript no.: S 107-3.
Order from OTS, SLA, or ETC \$1.10 TT-63-24455

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21, no. 5,
p. 85-86.

DESCRIPTORS: Food, *Cobalt, Chemical analysis.

(Food, TT, v. 11, no. 5)

TT-63-24455

- I. Ripak, E. N.
- II. FASEB-S-107-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Copper Content of Some Plant Products of Tomask Oblast,
by A. I. Vorobieva.
RUSSIAN, per, Voprosy Pitaniya, Vol 21, No 5, 1962,
pp 86-87.
*NTIS TT 72-51100

Aug 72

Nikitin, Yu. P.
THE EFFECT OF VITAMIN E ON LIPIDS AND
BLOOD COAGULABILITY IN PATIENTS WITH
ATHEROSCLEROSIS. [1963] [18]p. 44 refs. FASEB
manuscript no. S 63-3.
Order from OTS or SLA \$1.60 63-23055

Trans. of Voprosy Pitan'ya (USSR) 1962, v. 21,
no. 6, p. 22-27.

DESCRIPTORS: *Vitamin E, Lipids, *Atherosclerosis,
*Blood coagulation, Heparin, Cholesterol, Hematology.

Lipid metabolism was studied in 37 patients with dif-
ferent, but mostly coronary, symptoms of athero-
sclerosis, 32 in the hospital, 14 on an outpatient basis.
Soviet produced vitamin E was administered to 26
persons in a daily dose of 50 mg of tocopherol. Eleven
persons were administered the Czech vitamin E, Erevit,
in the form of daily intramuscular injections of 60 and
(Biological Sciences--Pathology, TT, v. 10, no. 7)(over)

63-23055

- I. Nikitin, Yu. P.
- II. FASEB S-63-3
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Nesterin, M. P.

INTESTINAL SECRETION IN DOGS MAINTAINED ON DIFFERENT DIETS DURING EXPERIMENTAL RADIATION SICKNESS. [1963] [18p] 29 refs FASEB

Manuscript no.: S 64-3.

Order from OTS, SLA, or ETC \$1.60 TT-63-24451

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21, no. 6, p. 27-33. (Abstract available)

DESCRIPTORS: *Radiation sickness, *Secretion, *Diet, Dogs, Fats, *Enzymes, *Gastrointestinal system, X-rays.

The effects of a diet containing unsaturated fats supplemented with pyridoxine were studied. A diet containing flaxseed oil and pyridoxine caused a 1 1/2 to 2-fold decrease in juice secretion during the first 10 to 14 days. During the next two weeks the amount of juice was about (Biological Sciences--Radiobiology, TT, v. 11, no. 6)
(over)

TT-63-24451

- I. Nesterin, M. P.
- II. FASEB-S-64-3
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

Kukes, V. G. and Vlasova, M. N.
BLOOD SERUM CHOLESTEROL CONTENT AND THE
DAILY DIET OF THE INDIGENOUS POPULATION IN
THE FAR NORTH. [1963] [10p] 13refs FASEB
Manuscript no. S 65-3.
Order from OTS or SLA \$1.10 63-23846

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21, no. 6,
p. 33-36.

DESCRIPTORS: *Cholesterol, *Blood serum, *Diet,
Population, *Arctic regions.

A study was made of the cholesterol content of the
blood serum and food of 1021 comparatively healthy
adult inhabitants of the Far North living along the
coasts of the Okhotsk, Bering, and Chukotk Seas.
These included Chukchis, Eskimos, Orochons, Koryaks,
and Kamchadals. It was found that the blood serum of
(Biological Sciences--Physiology, TT, v. 10, no. 12)
(over)

63-23846

- I. Kukes, V. G.
- II. Vlasova, M. N.
- III. FASEB S-65-3
- IV. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Isaeva, G. Ya., Enoshevskaya, K.K., and
Trotsenko, M. A.

SEPARATE DETERMINATION OF SEVERAL ORGANIC
PHOSPHORUS INSECTICIDES PRESENT IN FOOD
PRODUCTS OF PLANT ORIGIN. [1963] [14]p. 1 ref.

FASEB manuscript no. S67-3.
Order from OTS or SLA \$1.60

63-23054

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21, no. 6,
p. 64-67.

DESCRIPTORS: Chemical analysis, Organic compounds,
*Phosphorus, *Insecticides, *Food, Plants (Biology).

(Food, TT, v. 10, no. 7)

63-23054

- I. Isaeva, G. Ya.
- II. Enoshevskaya, K. K.
- III. Trotsenko, M. A.
- IV. FASEB S-67-3
- V. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Copper, Manganese, Molybdenum and Iodine in Cow's
Milk From Saratov Oblast, by L. G. Zamarin.
RUSSIAN, per, Voprosy Pitaniya, Vol 21, No 6, 1962,
pp 81-82.
*NTIS TT 72-51077

Aug 72

Copper, Manganese, Molybdenum, Nickel and Tin in Some
Vegetable Food Products of Saratov Oblast, by

L. I. Los.

RUSSIAN, per, Voprosy Pitaniya, Vol 21, No 6, 1962,
pp 82-83.

*WTIS TT 72-51123

Aug 72

STUDYING THE INFLUENCE OF IONITE MILK MADE WITH THE
KU-1 CATIONITE ON LABORATORY ANIMALS, BY
YE. A. ANTONOVICH, V. S. LAPCHENKO, 8 PP.

RUSSIAN, BK, VOPROSY PITANIYA, KIEV, ~~1961~~ 1962,
PP 200-205.

JPRS 22493

SCI-MED
DEC. 63

244,837

Complexometric Methods of Determining
Calcium and Magnesium in Sheep's Milk,
by S. Malinkova, 10 pp.
RUSSIAN, per, Voprosy Pitaniya, No 1, 1963,
pp 62-69. 0223383
ACC-UTL-Tr-1186(L)

Sol-Chen
Apr 65

270,167

A RAPID METHOD FOR DETERMINING THE STRONTIUM-90
CONTENT OF MILK, BY M. M. GOLUTVINA, T. A. KAZAKOVA,
8 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXII, NO 1,
JAN-FEB 1963, PP 66-69.

JPRS 18632

SCI-BIOL & MED SCI
MAR 63

228,305

Book Review of "Vitamins in the North" by
N. N. Pushkina, by V. N. Aleksandrov, 4 pp.

RUSSIAN, per, Voprosy Pitaniya, No 2, Mar 1963,
pp 90-92.

ACSI I-2485
ID 2232437

Sci - Biol & Med Sci
Jul 63

PROTEIN REQUIREMENTS OF MAN IN THE PROCESS OF WORK,
BY I. GONTEA, P. SUTESCU, ET AL, 11 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXII, NO 3,
1963, PP 3-8.

JPRS 20301

SCI-BIOL & MED SCI
JULY 63

237,065

Braksh, T. A., Kazakova, Z. A., Popova, A. V.,
and Lyubchanskaya, Z. I.
ROLE OF FOOD FAT IN THE DEVELOPMENT OF
EXPERIMENTAL HYPERTENSION. [1963] [21p]
ISrefa FASEB Me no. S 398-3.
Order from OTS, SLA, or ETC \$2.60 TT-64-13903

Trans. of Voprosy Pitaniya (USSR) 1963, v. 22, no. 3,
p. 22-28.

DESCRIPTORS: *Food, *Fats, Etiology, Diet,
*Hypertension.

(Biological Sciences--Pathology, TT, v. 11, no. 10)

TT-64-13903

- I. Braksh, T. A.
- II. Kazakova, Z. A.
- III. Popova, A. V.
- IV. Lyubchanskaya, Z. I.
- V. FASEB-S-398-3
- VI. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- VII. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

HYGIENIC ASSESSMENT OF MEAT TREATED WITH ANTI-
BIOTICS TO PROLONG ITS USEFUL STORAGE TIME, BY
YU. I. RUBINSHTEYN, N. V. ORLOVA, ET AL, 10 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXII, NO 3,
1963, PP 51-55.

JPRS 20301

SCI-BIOL & MED SCI
JULY 63

237,066

SECOND ALL-UNION SCIENTIFIC CONFERENCE ON THE
HYGIENIC ASPECTS AND TOXICOLOGY OF PESTICIDES,
BY S. G. SEREBRYANAYA, 9 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXII, NO 3,
1963, PP 90-93.

JPRS 20301

SCI-BIOL & MED SCI
JULY 63

237,067

S-539/63

The Question of the Extensive Vitaminization of
Food Products for Mass Consumption, by I. M. Tsvang,
DC-8662.

RUSSIAN, per, Voprosy Pitaniya, Vol XXII, No 3,
1963, pp 93-94.

*JPRS

Sci - Med

Jun 63

STUDIES IN NUTRITION, 30 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXII, NO 4,
JUL-AUG 1963, PP ~~3-6-11-12-13, AND 17-21~~

pp 3-24
JPRS 21171

0
SCI-BIOL-MED
SEP. 63

343,065

pp 19-25

OTS-TT-64-19683

pp 6-12 - OTS-TT-64-19681

pp 12-19 - OTS-TT-64-19682

The Effect of Addition of Riboflavin and Methionine
to the Diet on the Course of Experimental Silicosis,
by A. Yu. Grubina, E. A. Kraiko, et al. 16 pp.
RUSSIAN, per, Voprosy Pitaniya, Vol 22, No 4,
1963, pp 35-38.
SLA TT-64-19262

Sci/B&M
Jul 66

305,915

The Effects of Certain Vitamins on Cutaneous Vas-
cular Resistance in Scarlet Fever Cases, by
A. P. Kazantsev. 11 pp.
RUSSIAN, per, Voprosy Pitaniya, Vol 22, No 4,
1963, pp 56-58.
SLA TT-64-19263

Sci/B&M
Jul 66

305,919

The State of Vitamin B₁ and Nicotine Acid Metabolism in a Healthy Individual Under the Conditions at Tashkent, by D. I. Shenker. 10 pp.
RUSSIAN, per, Voprosy Pitaniya, Vol 22, No 4, 1963, pp 59-61.
SLA TT-64-19264

Sci/B&M
Jul 66

303,823

Some Peculiarities of the Utilization of Endogenic
Fat With Partial Fasting and Physical Load, by
M. N. Logatkin, 15pp.

RUSSIAN, per, Voprosy Pitaniya, Vol XXII, No 5,
1963, pp 27-34. 9690029

FTD- TT- 63-1014

Sci - Biol & Med Sci
Jan 64

246,160

Effect of Ascorbic Acid on Excretion of
4-Pyridoxime in the Urine of Healthy Individuals
by V. M. Selivanova, V. K. Agashin, et al.
RUSSIAN, per, Voprosy Pitaniya, Vol XXII, No 5,
1963, pp 55-58.
OTS TT 64-19669

Sci-
Sept 66

309,769

THE USE OF UNICELLULAR ALGAE FOR HUMAN NUTRITION
(LITERATURE SURVEY), BY N. N. BOYKO, N. S.
KLYUSHKINA, ET AL, 10 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXII, NO 6,
1963, PP 3-8

JPRS 22295

SCI-MED
DEC 63

244,152

Comparative Nutritional Value of Meat Dehydrated
by the Method of Thermal Atmospheric Desiccation
and by Sublimation, by V. P. Karandayeva, 7 pp.

RUSSIAN, per, Voprosy Pitaniya, Vol XXII, No 6,
1963, pp 12-15.

ACSI I-3920
ID 2253821

CFSTI IT 65-60214

248,418

Sci - Biol & Med Sci
Feb 68

The Effects of Vitamin C on the
Functional State of the Central Nervous
System in Patients with Dysentery, 10 p.
by A. P. Kazantsev.
RUSSIAN, per, Voprosy Pitaniya, Vol XXII,
No 26, 1963, pp 30-33.
OTs TT-64-19719

Jan 67

317,488

CALCIUM AND PHOSPHORUS DIETARY SUPPLEMENT AS A
MEANS OF REDUCING STRONTIUM-90 ACCUMULATION IN
SKELETAL BONES, BY V. A. KNIZHNIKOV, P. F.
BUGRYSHEV, 12 PP

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXII, NO 6,
1963, PP 56-62

JPRS 22295

SCI-MED
DEC 63

244,193

STRONTIUM CONTENT IN FOOD PRODUCTS OF TURKMEN SSR
ACCORDING TO SPECTRUM ANALYSIS DATA, BY N N
GRIGOR'YANTS, 5 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXII, NO 6,
1963, PP 63-65

JPRS 22295

SCI-MED
DEC 63

244,194

The Biochemical Bases for Developing Products
of Higher Biological Value, by A. A. Pokrovskiy,
27 pp.
RUSSIAN, per, Voprosy Pitaniya, Vol XXIII, No 1,
Jan-Feb 1964, pp 3-16. 9692443
FTD-TT-64-148

CFSTI # 65-60199

Sci - Biol & Med Sci
May 64

259,065

The Influence of Pyridozine on the
Clinical and Morphologic Picture of
Experimental Hepatitis, by S. A. Sudakova,
K. M. Odina.
RUSSIAN, per, Voprosy Pitaniya, Vol XXIII,
No 1, 1964, pp 36-43.
OTS TT-64-19635
(LOAN)

Feb 67

318,683

The Effect of Predominantly Carbohydrate
Nutrition in Conjunction With Iodine
Deficiency and Various Types of Functional
Loading on the Development of Experimental
Goiter, by A. I. Shtenberg, I. A. Kusevitskiy.
RUSSIAN, per, Voprosy Pitaniva, Vol XXIII,
No 1, 1964, pp 43-51.
OTS TT-64-19675

Sept 66

309,771

S-146/64

Comparative Characteristics of Assimilation Rates
of Beef Subjected to Freezing, Heat Sterilization,
and Radiation, by G. I. Bondarev, V. D. Odintsova,
NY-9038. 3/8

RUSSIAN, per, Voprosy Pitaniya, Vol XXIII, No 1,
1964, pp 81, 82.

*JPRS

Sci-Med & Biol
Jan 64

Belip, A Protein Product of Institute of Nutrition
of the Academy of Sciences USSR,
BY A. Pokrovskiy, G. S. Korobkina, et al, 15 pp.
RUSSIAN, per, Voprosy Pitaniya, Vol XXIII,
No 2, Mar, Apr 1964, pp 21-30.
JPRS 25421

CFST I TT 65-60223

Sci - B & M
Jul 64

263,329

Some Data on Effect of Cobalt and Tungsten
Enriched Vegetables Upon the Animal Organism,
by I. M. Seidov, 7 pp.
RUSSIAN, per, Voprosy Pitaniya, Vol XXIII,
No 2, Mar, Apr 1964, pp 73-76.
JPRS 25421

AEC UCRL - TR - 1197 (L)

Sci - B & M
Jul 64

263,330

S-406/64

Copper Content in the Food Consumed by Rural
Population of Belorussia in Districts Presenting
Varying Endemic Goiter Morbidity, by R. L. Patent,
(AP-461) *OC - 10518*

RUSSIAN, per, Voprosy Pitaniya, Vol XXIII, No 2,
Mar, Apr 1964, p. 79.

*JPRS

Sci- Biol & Med Sci
Apr 64

S-406/64

The Content of Some Mineral Elements in Semi-Prepared
Foodstuffs Made of Sea Kale, by Ya. D. Kadaner. (AP)
461) D3-10518

RUSSIAN, per, Voprosy Pitaniya, Vol XXIII, No 2,
Mar, Apr 1964, p 82.

*JPRS

Sci- Biol & Med Sci
Apr 64

Toxicologic Criteria for Establishing the Degree
of Safety of Permissible Residual Quantities
of Pesticides and Study of Their Content of
Nutrition Products, by A. I. Shtenberg, 8 pp.
RUSSIAN, per, Yozrosy Pitaniya, Vol XXIII,
No 2, Mar, Apr 1964, pp 90-93.
JPRS 25421

Sci - B & M
Jul 64

263,331

The Determination of Antioxidants and Their
Chromatographic Separation, by B. Sedlachek.
RUSSIAN, per, Voprosy Pitaniya, Vol 23, No 4,
1964, pp 8-13.
NLL RTS 3627

Sci-Chem
Nov 67

345,321

Increasing the Digestibility of Protococcal Algae
by Enzymatic Breakdown of Cell Walls, by N.N.
Boylor, N.S. Klyushkina and Yu. I. Kondrat'yev,
USSR
RUSSIAN, per, Voprosy Pitaniya, Moscow, Vol XXIII,
No 5, Sep-Oct 64, pp 5-6
JPRS 271081

Sci-Biol & Med
Jan 65

271081

Copper and Iron Content of Food Rations and
the Blood Picture of Children in Pioneer Camps,
by L. B. Pavlova. (DC-10870)
RUSSIAN, per, Voprosy Pitaniya, Vol XXIII, No 5,
Sep, Oct 1964, pp 77, 78.

*JPRS

Sci - Med

Oct 64

S-1056/64

Zinc and Iron Content in Food Rations of Inmates
of Tomsk Children's Institutions,
by A. I. Vorob'yeva, N. A. Bol'shanina. (DC-10870)
RUSSIAN, per, Voprosy Pitaniya, Vol XXIII, No 5,
Sep, Oct 1964, pp 78, 79.

*JPRS

Sci - Med

Oct 64

S-1056/64

The Content of Some Microelements in Semimanufactured
Products Prepared From Kelp, by Ya. D. Kadaner.
(DC-10870)

RUSSIAN, per, Voprosy Pitaniya, Vol XXIII, No 5,
Sep, Oct 1964, pp 80.

*JPRS

Sci - Med

Oct 64

Fifteenth Scientific Session of the Institute of
Nutrition, Academy of Medical Sciences USSR, by
S.G. Aptekar¹, T.A. Braksh and M.V. Orlova, 15pp
RUSSIAN, per, Voprosy Pitaniya, Moscow, Vol XXIII,
No 5, Sep-Oct 64, pp 84-90
JPRS 27242

Sci-Biol & Med
Jan 65

271032

The Peroxide Resistance of Erythrocytes, by A.
A. Pokrovskii and A. A. Abrarov.
RUSSIAN, per, Voprosy Pitaniya, Vol 23, No 6,
1964, pp 44-49.
NLL RTS 3220

Sci-B and M
Nov 67

345,215

Cost and Certain Questions of Price Formation in
Industry, by N. Gal'perin, V. Zhukov, 18 pp.
RUSSIAN, booklet, Voprosy Planirovaniya i Kalku-
irovaniya Sebestoimosti Promyshlennoy Produktov,
Moscow, 1961, pp 41-57.
JPRS 25504

USSR
Econ
Aug 64

264,690

(END 23053).

Problems of Price Formulation in the USSR Coal Industry, by I. A. Nedoluzhenko, 46 pp.

RUSSIAN, monograph, Voprosy Planirovaniya Tsen v Ugol'noy Promyshlennosti SSSR, Moscow, 1955, pp 5-51.

CIA/FDD Tr 506
38,845

USSR
Econ - Coal industry
Aug 56 CTS/DEK

QUESTIONS OF PLANNING IN THE USSR AT THE
CONTEMPORARY STAGE, BY I. A. YEVENKO, 7 PP.

RUSSIAN, BK, VOPROSY PLANIROVANIYA V SSSR NA
SOVREMENNOM ETAPE, MOSCOW 1959, PP 31-33,
78-81.

JPRS 18359

USSR
ECON
APR 63

225,786

Experimental ~~Research~~ Investigation of the
Characteristics of Pneumatic Jet Elements, by A. I.
Seraikov, 7 pp. UNCL.

RUSSIAN, per, Voprosy Pnevmo i Gid, 1960, pp 11-16.

ACSI H-8286
ID 2161124

Sci - Engr
Mar 61

141,242

A Small Scale Continuous Action Pneumatic Computer
and Delay Block, by N.D. Ladin, 15 pp.
RUSSIAN, per, Voprosy Pnevmo- I Gidroavtomatiki,
Ak Nauk SSSR, 1960, pp 138-147. 9694822
FTD-TT-64-523

Sci - Elec
Oct 64

267,678

Investigation of the Characteristics of Pneumatic
Chambers Used as Summation, by L. A. Zalmanson,
A. I. Semikov, 9 pp. UNCL.

RUSSIAN, per, Voprosy Pnevmo i Gid., 1960, pp 148-153.

MOBI H-8987
ID 2161123

Sci - Engr
Mar 61

141, 243

A METHOD OF ANALYZING THE DYNAMICS OF SERVO SYSTEMS
WITH A HYDRAULIC SERVOMECHANISM, BY V. A. KHOKHLOV,
11 PP.

RUSSIAN, ~~RUSSIAN~~ BK, VOPROSY ~~RUSSIAN~~ PNEVMO- I GIDRO-
AVTOMATIKI, INSTITUT AVTOMATIKI I TELEMEXHANIKI,
IZDATEL'STOV, AK NAUK SSSR, 1960, PP 24-30. 967823X0

FTD-TT462-986

SCI - ENGR
11 OCT 62

212,341

A MINIATURE HYDRAULIC LEAD UNIT OF COMPENSATION TYPE,
BY V. M. DVORETSKIY, 7 PP.

RUSSIAN, BK, VOPROSY PNEVMO-I GIDROAVTOMATIKI,
INSTITUT AVTOMATIKI I TELEMEXHANIKI, IZDATEL'STOV,
AK NAUK SSSR, 1960, PP 88-92. 9678230

FTD-TT-62-986

SCI - ENRR
11 OCT 62

212,342

Boron Nitride, by V. M. Slepnev, G. V. Sazonov.

RUSSIAN, per, Voprosy Poroshkovej Metallurgii
i Prochnosti Materialov, No 6, 1958, pp 65-79.

NIL HIS 1819

Sci - Chem

673 61-17670

Dec 61

177,600

Problems of Powder Metallurgy and the Strength of
Materials, 270 pp.

RUSSIAN, bk, Voprosy Poroshkovoy Metallurgii i
Prochnosti Materialov, 1958, 276 pp.

652 394-V

ATTC F-78-9972/V

ACC NP 332

Sci - Physics
Nov 59

102,426

Research on the Modules of Elasticity of Alloys,
by P. I. Mel'nicuk, I. N. Frantsevich, 7 pp.

RUSSIAN, bk, Voprosy Porshkovy Metallurgii i
Prochnosti Materialov, An USSR, Instituta Metallovedeni
i Spetsial'nykh Splavov, No 7, 1959, pp 33-38.
9678628

FID-TT-62-506

Sai N/M
Nov 62

214, 911

The Influence of Interphase Surface Energy on Wettability, by **Yu. V. Skudich**, 10 pp.

RUSSIAN, bk. **Voprosy Ruzskehoy Metallurgii i Tsechnosti Materialov, AN UZSSR, Institut Metallovedeniya i Spetsial'nykh Splavov, No 7, 1959, pp 39-55, 9576628**

FD-77-62-506

Sci - M/M
Nov 62

216,910

Electron-Microscope Investigation of Break Surfaces,
by A. N. Pilyankevich, 16 pp.

RUSSIAN, bk, Voprosy Poroshkovy Metallurgii i
Prochnosti Materialov, AN URSR, Institut Metal-
loobremeni i Spetsial'nykh Splavov, No 7,
1959, pp 46-56. 9678628

FID-77-62-506

Sci - M/M
Nov 62

216, 912

A Study of the Influence of Technological Factors on the
Pressability of Iron Powders, NIX by, I. M. Fedorchenko,
N. A. Filatova, pp 34-40.

RUSSIAN, ~~USSR~~ ~~bk~~, Voprosy Poroshkovoy Metallurgii i
Prochnosti Materialov, AN USSR, Institut Metallofiziki
& Spetsial'naya Splavov, No 7, 1959, pp 105-119.
9678628

FDR-IT-62-506

Sci - M/M
Nov 62

216,913

R-266/60

(DC - 4896)

Questions Concerning Maximum Length of Interruption
to Service for Track Work,

RUSSIAN, manuscript, Voprosy po Teme: Opredeleniye
Optimal'noy Prodolzhitel'nosti Pereryva Dvisheniya
Poezdov dlya Proizvodstva Putevykh Rabot, 2 pp.

JPRS

USSR

Econ - Transportation, rail

5 Dec 60

Table of Contents of the Book, "Yoproay Porysheniya
Plodorodiya Pochv Nechernozemnoi Polosy, by
V. Makarenko

RUSSIAN, bk, Moscow, 1954, 182 pp. CIA D 432369

Problems of Increasing Soil Fertility in the
Non-Black Earth Area

T of C and Review of
Increasing Labor Productivity in Machine
Building, by N. S. Acherkan (editor),
5 pp.

RUSSIAN, bk, Voprosy Povysheniya Proizvoditel-
nosti Truda v Mashinostroenii, Moscow,
1957, 511 pp.

B-108
Head, Lib Sv Sec
Air Info Div
Lib Congress

(NY-6324)

Compilation of Maps of Types of Terrain, by
N. V. Fadayev, 21 pp.

RUSSIAN, bk, Voprosy Primeniya Kartograficheskikh
Metodov pri Geograficheskikh Issledovaniyakh,
1960, pp 74-84.

JPRS 9483

USSR
Geog
Jul 61

158,608

(NY-6324)

Use of Large-Scale Maps in Economic-Geographic
Research, by S. L. Malayeva, 21 pp.

RUSSIAN, bk, Voprosy Primeniya Kartograficheskikh
Metodov pri Geograficheskikh Issledovaniyakh, 1960,
pp 85-96.

JPRS 9484

USSR
Geog
Jul 61

158, 614

(NY-6324)

Representation of the Soil and Vegetation Cover
on 1:25,000, 1:50,000 and 1:100,000 Scale
Topographic Maps, by M. N. M. Svatkov, 9 pp.

RUSSIAN, bk, Voprosy Primeniya
Kartograficheskikh Metodov pri Geograficheskikh
Issledovaniyakh, 1960, pp 106-109.

JPRS 9485

USSR
Geog
Jul 61

158,609

(NY-6324)

Improving the Content of Topographic Maps, by R. S.
Narakikh, 13 pp.

RUSSIAN, ~~per~~ bk, Voprosy Primeneniya Kartograficheskikh
Metodov pri Geograficheskikh Issledovaniyakh,
1960, pp 122-127.

JPRS 9486

USSR
Geog
Jul 61

158, 607

Mechanical Properties of Alloys of Platinum and Iridium, by A. G. Rakhstäd, E. N. Femina, 7 pp.

RUSSIAN, mono, Voprosy Prochnosti i Defornatsiy Metallov i Splavov, 1954, pp 125-133.

SLA 60-16973

Sci
Vol IV, No 8
2 Jun 62

197,998

Fatigue Strength and Long-Time Strength of
Turbine-Blade Alloys under the Combined
Action of Static and Alternating Stresses,
by T. P. Zakharov, 40 pp.

RUSSIAN, bk, Voprosy Prochnosti Materialov i
Konstruktsiy, 1959, pp 123-143. 9670567

FTD-MCL-712/1

164, 291

Sci - Engr

Aug 61

Problems in the Design, Production and
Service Life of Springs, by N. N. Davidenkov,
RUSSIAN, mono, Voprosy Proektirovaniya
Izgotovleniya i Sluzhby Pruzhin, 1956,
265 pp.
NIL

Apr 67

323180

Problems of Designing Turbogenerators, by Ye. G.
Konar, 11 pp. (AF 695021).

RUSSIAN, bk, Voprosy Proektirovaniya Turbogeneratorov,
publ by Gosenergoizdat, 1955, pp 1-10.

ATIC F-TS-8807/III

Sci - Engineering
Feb 1957 CTS/DEX

44, 443

Occupational Pathology, by A. P. Shitskova,
21 pp.
RUSSIAN, bk, Voprosy Profpatologii, pp. 169-
175; 176-182; 183-187;
JPRS 36192

USSR
Sci-B/M
Jul 66

304,661

INGOT DEFECTS CAUSED BY TEEMING LAPS, BY E. V.
VERKHOVTSEV, K. K. PROKHORENKO.

RUSSIAN, PER, VOPROSY PROIZ STALI, NO 6, 1958,
PP 68-76.

BISI 2732

SCI - M/M

NOV 62

217,656

LIST 151

Exothermic Mixture for Hot Tops of Steel Ingots,
by K. K. Prokhorenko.

RUSSIAN, per, Voprosy Proizvodstva Stali,
No 6, 1958, pp 77-86.

CRL/T 1123

Sci- M & M
Mar 63

225,343

EFFECT OF THE HYDRODYNAMICS OF THE FLOW OF LIQUID
STEEL INTO THE MOULD ON THE QUALITY OF STEEL
INGOTS, BY V. A. EFIMOV, M. P. SABIYEV, V. P.
GREBENYUK.

RUSSIAN, PER, VOPROSY PROIZ STALI, NO 6, 1958,
PP 87-95.

BISI 2736

SCI - M/M

NOV 62

LIST 152

217,667

INFLUENCE OF TEEMING TEMPERATURE AND MOULD SHAPE ON
THE QUALITY OF STEEL INGOTS, BY V. A. EFIMOV,
V. I. DANILIN, M. P. LAPSHEVA, ET AL.

RUSSIAN, PER, VOPROSY PROIZ STALI, NO 6, 1958,
PP 96-109.

BISI 2737

SCI - M/M

NOV 62

LIST 152

217,668

EFFECT OF TEEMING RATE ON THE QUALITY OF STEEL
INGOTS, BY E. V. VERKHOVTSEVE, K. K. PROKHERERENKO,
A. S. MIKHAILOV.

RUSSIAN, PER, VOPROSY PROIZ STALI, NO 7, 1960,
PP 74-81.

BISI 2733

SCI - M/M

NOV 62
LIST 152

217,665

Thermophysical Process During Teeming, by V. A.
Etimov.

RUSSIAN, per, Voprosy Proiz Stali, No 7, 1960,
pp 117-134.

BISI 2735

Sci

Oct 62

214,139

SKRINKAGE OF STEEL AND DEFORMATION OF THE MOULD
DURING CASTING OF SLAB INGOTS, BY V. A. EFIMOV,
M. P. SABIYEV, V. P. GREBENYUK, ET AL.

RUSSIAN, PER, VOPROSY PROIZ STALI, NO 7, 1960,
PP 135-140.

BISI 2734

SCI - M/M

NOV 62

LIST 152

217,666

A Reduction in the Contamination of Electric Steel by
Hairline Cracks and Non-Metallic Inclusions, by
K. K. Prokhorenko, N. Ya. Ishchuk.
RUSSIAN, per, ~~Эксп~~ Voprosy Proiz Stali, Ak Nauk
Ukrainaky SSR, Otdel Tekh Nauk, No 8, 1961,
pp 55-69.
BISI 3641

Sci - M/M
May 64

258,928

Treating of High-Alloy Grades of Steel Under Fluxes,
by V. P. Osipov, I. V. Lisov.

RUSSIAN, per, Voprosy Proizvodstva Stali. Ak Nauk
Ukrainski SSSR Otdelenie Tekh Nauk, No 8, 1961,
pp 88-95.

BISI 3011

Sci - M/N
Feb 63

22 2,535

Ductility of Stainless Austenitic Steels Upon
Rolling Depending on Secondary Oxidation During Teaming
by N. F. Lakonechnyy.

RUSSIAN, per, Voprosy Proiz Stali, Otdel Tekh Nauk,
No 9, 1963, pp 65-72.

BTST 3864

Sci - engr

Feb 65

273,110

Methods of Improving the Top Pouring
of Steel, by V. A. Efinov, et al.
RUSSIAN, per, Voprosy Proizv. Stali.
Otdel. Tekh. Nauk, No 9, 1963,
pp 79-95.
BISI 4153

Sci/M&M
May 65

279,545

R-305/63

Role of Scientific and Engineering Personnel in
Raising Labor Productivity, by F. M. Metel'skiy.
(DC-8380)

RUSSIAN, bk, Voprosy Proizvoditel'nosti Truda v
Period Stroitel'stva Kommunizma, Moscow, 1961,
pp 398-413.

*JPRS/E

USSR - Econ

Sep 63

Experience in Toxicological Studies of
Small Concentrations of Industrial Poisons,
by G. Kh. Shakhbasyan and I. M. Trakhten-
berg, 28 pp.
RUSSIAN, bk, Voprosy Promyshlennoy i Sel-
skokhozyaystvennoy Toksikologii, Kiev, 1964,
pp 7-31.
JPES 31,589

USSR
Biol and Med Sci
Aug 65

286,826

General and Specific in the Responses of
the Nervous System to Prolonged Action of
Small Concentrations of Toxic Substances,
10 pp. by Z. A. Drogichina
RUSSIAN, Obshchaya Prosvetlenoy i Sel-
skokhozyaystvovannoy Toksikologii, Kiev,
1964, pp 57-65
JPRS 31,589

Biol and Med Sci
Aug 65

286,827

Effect of Small Concentrations of Toxic
Substances on Immunobiological Reactivity,
by S. I. Ashbel*, and N. N. Gleserova,
10 pp.
RUSSIAN, bk, Voprosy Proizhledeniya i Sel-
skokhozyaystvennoy Toksikologii, Kiev,
1964, pp 66-73.
JPRS 31,589

Biol and Med Sci
Aug 65

286,828
286,783

Comparative Studies of the Toxicology of
Dinitroorthocresol (Dinok) and Preparation
No 125 (of the Dinitroorthocresol Type),
by V. V. Paustovskaya (Kiev), 17 pp.
RUSSIAN, bk, Voprosy Promyshlennoy i Sel-
skokhozyaystvennoy Toksikologii, Kiev,
1964, pp 174-188.
JPRS 31,589

Biol & Med Sci
Aug 65

286,829

Sanina, Yu. P.
THE TOXICOLOGY OF NITROPROPANE. [Apr (4) 9p
Order from ATS \$9.50 ATS-37Q73R

Trans. of mono. Vopr[osy] Prom[yshlennoi]
Toksikol[ogii] [Problems of the Industrial Toxicology,
Moscow] 1960, p. 239-249.

TT-64-22101

- I. Sanina, Yu. P.
- II. ATS-37Q73R
- III. Associated Technical
Services, Inc., East
Orange, N. J.

(Biological Sciences--Toxicology, TT, v. 12, no. 2)

Russian

CNO: 1875

Ad Hoc

15 Jun 66

Moscow, Yuzhnyy Frontal'nyy Bol'sheymosh
Peredkhiy Y. 4222, no: 129-141

Copy to: J-231

310

Small Axial Oscillations of Conical and Shaped Springs,
~~unclassified~~,

RUSSIAN, Bk, Vopr-Proyktin Izgotovlaneya I Sluskby
Pruzhin, Moscow, Leningrad (1956), pp 87 - 113.

~~SECRET~~

Sci - Phy * PICATINNY PSEUDAL (JPRS) R-21?
Jan 62